

# EUROPEAN PATENT OFFICE

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APPLICANT : HONSHU PAPER CO LTD;

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TITLE : COMPOSITE BIAXIALLY ORIENTED POLYPROPYLENE RESIN FILM

ABSTRACT : PURPOSE: To improve sliding properties and desorbing properties by blending a 0.2-3.0 pts.wt. silicone gum and 0.05-2.0 pts.wt. silicone resin powder to the 100 pts.wt. resin component of a laminated resin layer only in the first laminated resin layer.

CONSTITUTION: The title film is composed of the three layer structure of a biaxially oriented polypropylene resin film layer, a first laminated resin layer consisting of the mixed resin of the random copolymer of ethylene-propylene- buten laminated on one surface of the resin film layer and a buten.1 polymer and a second laminated resin layer made up of the mixed resin of one kind or more of buten copolymers laminated on the other surface or the buten copolymer and a polybuten and/or an ethylene-propylene copolymer. A silicone gum composed of a polysiloxane polymerizing section having viscosity at 25°C of  $10^7$  centistokes or more and silicone resin powder are mixed with the 100 pts.wt. resin component only in the first laminated resin layer at that time.

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